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(54) Title: **PDK4 AS MARKER FOR PPARDELTA MODULATION**

(57) Abstract: The present invention relates to the use of PDK4 as biomarker for PPAR delta activity, and to methods of diagnosing a disease linked to dysregulation of PPARdelta activity such as for example dyslipidemia, obesity or insulin resistance, methods of monitoring the treatment of patients suffering from a disease linked to dysregulation of PPARdelta activity, and methods of identifying compounds which modulate PPARdelta activity.

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